

# Annex 3. Citation analysis for HIV testing: increasing uptake and effectiveness in the European Union (Period from December 2010 to 2015)

## Full reference of the report

European Centre for Disease Prevention and Control. HIV testing: increasing uptake and effectiveness in the European Union. Stockholm: ECDC; 2010. Available from:

[http://ecdc.europa.eu/en/publications/publications/101129\\_gui\\_hiv\\_testing.pdf](http://ecdc.europa.eu/en/publications/publications/101129_gui_hiv_testing.pdf)

From now on in this document the above reference will be referred as 'the report'.

## Search methodology

Searches in Scopus® and Google Scholar™ were performed 8 January 2016 to retrieve the references citing the report.

The search strategies submitted were using words of the title in the 'references' field and parts of the URL in the 'website' tag in the advance search in Scopus. These searches were repeated in Google Scholar. Search strategies are compiled in Annex 1.

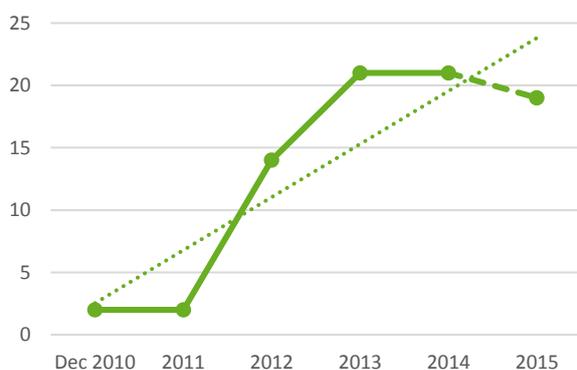
## Citations analysis

In the period of December 2010 to 2015 the report has received a total of 79 citations. The full list of citations is provided in Annex 2.

In addition to the 79 references retrieved, there is the upload of the report to the Aids Center server and therefore the URL address for the report is [http://www.aids-center.com/files/downloads/statistics/TQ3210568ENC\\_002.pdf](http://www.aids-center.com/files/downloads/statistics/TQ3210568ENC_002.pdf) [Consulted 12/01/2016]. Nevertheless this will not be taken into consideration for the citation counts, but it is worth mentioning in this document.

The citation linear trend is upwards until 2014 and it seems that the number of citations is maintained in 2015. However it could be expected some additional references for 2015 that could be retrieved later in the year from Scopus and Google Scholar or they could be published already in 2016 (see \* in the graph). In citation analysis the general dynamic is the longer a document has been published, the higher the number of citations are received.

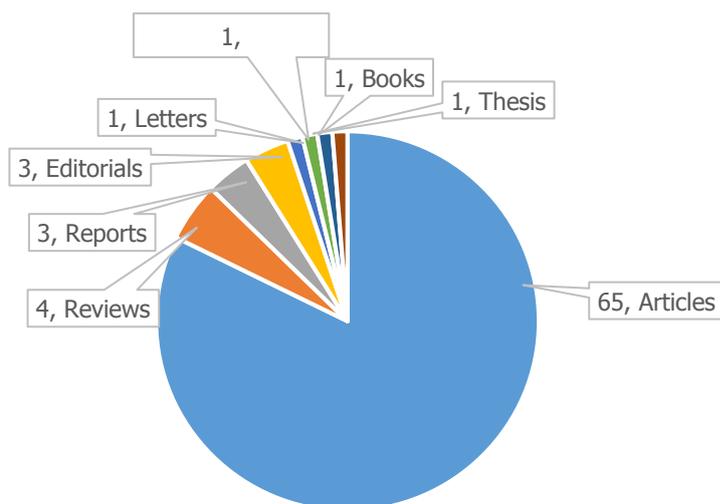
**Figure 1. Nr of citations received per year**



Year	Citations received
Dec 2010	2
2011	2
2012	14
2013	21
2014	21
2015	19
<b>Total</b>	<b>79</b>

The large majority of the citations received are from journal articles (65) but the report also receives citations from other document types such as journal reviews, reports, editorials, letters, commentaries, books, and thesis:

**Figure 2. Citations by document type**



Document type	Citations received
Articles	65
Reviews	4
Reports	3
Editorials	3
Letters	1
Commentaries	1
Books	1
Thesis	1
<b>Total</b>	<b>79</b>

A total of 3 citations are other than published in journals, neither are ECDC reports:

Mujyambere P. Barriers to HIV voluntary counselling and testing among refugees and asylum seekers from African Great Lakes region living in Durban [thesis]. Stellenbosch [South Africa]: Stellenbosch University, 2012.

Golden RE, Collins CB, Cunningham SD, Newman EN, Card JJ. Best evidence structural interventions for HIV prevention. Dordrecht: Springer; 2013. 361 p.

Frankis J, Flowers P, Lorimer K, Davis M. 5.6. Implications for Service Provision in Lanarkshire. 2013. In: Social Media, Men who have Sex with Men and Sexual Health in Lanarkshire [Internet]. [Scotland]: [s.n]; [160-5]. Available from: <http://www.sexualhealthnetwork.org.uk/wp-content/uploads/2014/05/2014-05-23-01.38.46-PM-Lanarkshire-SMMaSH-Survey-Report-2013-For-Circulation.pdf>.

Reference languages citing the report are predominantly in English (68) but also there are references in other languages: Spanish (8), German (2), and Croatian (1).

The references citing the report can be found mostly free and in open access (47), compared to the ones that required the payment of a subscription or a purchase to have access to the full text (32).

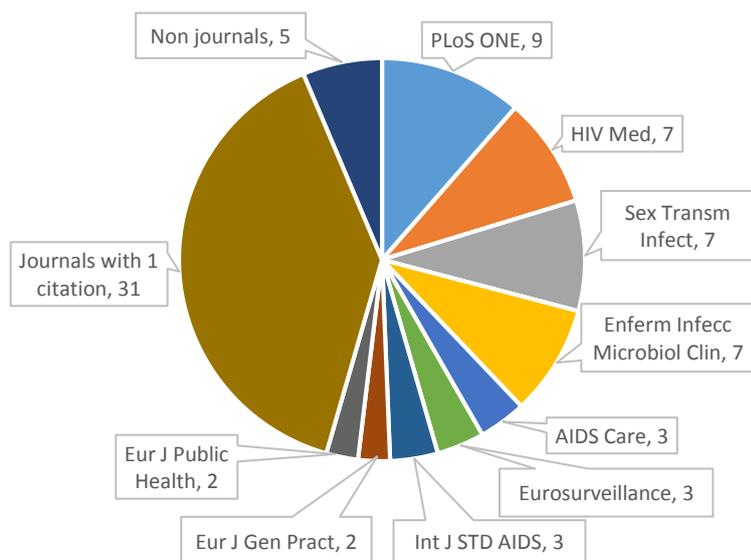
## Journal analysis

There is a wide range of journals whose articles are repeatedly citing the report such as *PLoS ONE* (9 citations), and *HIV Medicine*, *Sexually Transmitted Infections*, and *Enfermedades Infecciosas y Microbiología Clínica* with 7 citations each.

In general, journals citing the report are reputable and well-known international journals both in Medicine and, in particular, in the area of sexually transmitted infections. In addition, there are also citations received from journals at a national level from Spain and Germany.

For simplicity, journals citing only once the report are collected under "Journals with 1 citation" entry in the table (table 3) and graph (figure 3). These journals are: *AIDS*, *AIDS Education and Prevention*, *Antiviral Therapy*, *Atencion Primaria*, *BMC Public Health*, *British Journal of Medicine and Medical Research*, *Bundesgesundheitsblatt - Gesundheitsforschung – Gesundheitsschutz*, *Canadian Journal of Public Health*, *Clinical Infectious Diseases*, *Current HIV/AIDS Reports*, *Gaceta Sanitaria*, *Health Policy*, *HIV/AIDS - Research and Palliative Care*, *International Journal of Public Health*, *Journal of AIDS and Clinical Research*, *Journal of Acquired Immune Deficiency Syndromes*, *Journal of Clinical Virology*, *Journal of Community Health*, *Journal of Microbiology and Infectious Diseases*, *Journal of the International AIDS Society*, *Medical Anthropology: Cross Cultural Studies in Health and Illness*, *Medicina Oral, Patología Oral y Cirugía Bucal*, *New Microbiologica*, *PLoS Medicine*, *Política y Sociedad*, *Postgraduate Medical Journal*, *Revista Española de Sanidad Penitenciaria*, *Scandinavian Journal of Public Health*, *Sexual Health*, *Sexually Transmitted Diseases*, *Wiener Medizinische Wochenschrift*.

**Figure 3. Journals citation count**



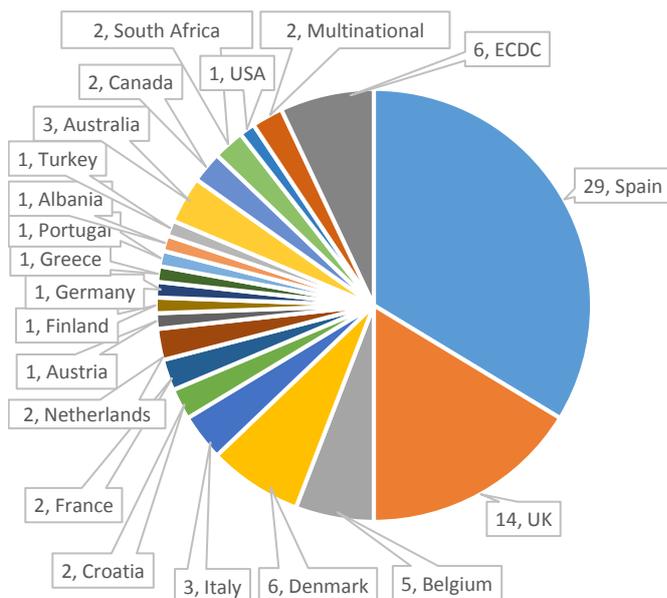
**Table 4. Country authors' affiliation**

	Geographic affiliation 1st author	Geographic affiliation last author	Total
Spain	29		29
UK	12	2	14
Belgium	5		5
Denmark	3	3	6
Italy	3		3
Croatia	2		2
France	1	1	2
Netherlands	2		2
Austria	1		1
Finland	1		1
Germany	1		1
Greece	1		1
Portugal	1		1
Albania	1		1
Turkey	1		1
Australia	2	1	3
Canada	2		2
South Africa	2		2
USA	1		1
Multinational	2		2
ECDC	6		6

**Table 3. Journals citation count**

Journal	Citation count
PLoS ONE	9
Enferm Infecc Microbiol Clin	7
HIV Med	7
Sex Transm Infect	7
AIDS Care	3
Eurosurveillance	3
Int J STD AIDS	3
Eur J Gen Pract	2
Eur J Public Health	2
Journals with 1 citation	31
Non journals	5
<b>Total</b>	<b>79</b>

**Figure 3. Country authors' affiliation**



### Affiliation analysis

Table 4 presents the first and last author affiliation analysis (last author is reported in the table only when it differs from first author's country affiliation). In the vast majority, authors are affiliated to institutions in EU/EEA covering 13 Member States; there are 2 EU candidate countries; and 4 non-EU/EEA countries.

Authors affiliated with Spanish institutions are the ones citing the most the report (29 times). There are 2 recurrent affiliations from this country: Centro Nacional de Epidemiología, Instituto Carlos III de Madrid; and the CIBERESP (Consorcio de Investigación Biomédica de Epidemiología y Salud Pública).

In one case the whole affiliation was corresponding to a working group The Socio-economic Inequalities and HIV Writing Group for Collaboration of Observational HIV Epidemiological Research in Europe (COHERE) in EuroCoord. This was included in the Multinational entry in the table. There were other affiliations followed by individual authors: the Madrid Rapid HIV Testing Group (4 times); the HIV and STI Surveillance Group; and for the Late Presenters Working Group on behalf of the Collaboration of Observational HIV Epidemiological Research Europe (COHERE) study.

Citation from ECDC affiliated authors (6) are counted separately.

## Search strategies run

Scopus:

- 1) REF({101129\_GUI\_HIV\_testing})
- 2) REF({HIV testing: increasing uptake and effectiveness in the European Union})
- 3) REF({HIV testing Increasing uptake and effectiveness in the European Union})
- 4) WEBSITE(101129\_GUI\_HIV\_testing)

Google Scholar:

- 1) "HIV testing: increasing uptake and effectiveness in the European Union"
- 2) "**HIV testing Increasing uptake and effectiveness in the European Union**"
- 3) **HIV testing Increasing uptake and effectiveness in the European Union**
- 4) "**101129\_GUI\_HIV\_testing**"

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List of references organised by author, year, and title.

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79. Zangerle R, Touloumi G, Warszawski J, Meyer L, Dabis F, Krause MM, et al. Delayed HIV diagnosis and initiation of antiretroviral therapy: Inequalities by educational level, COHERE in EuroCoord. *AIDS*. 2014;28(15):2297-306.

## Citation analysis – data extraction table

Authors	Title	Year	Source title	Type of information	Citation example
Agustí, C., Fernández, L., Mascort, J., Carrillo, R., Casabona, J.	Problems in diagnosing sexually transmitted infections and human immunodeficiency virus in primary health care in Spain [Barreras para el diagnóstico de las infecciones de transmisión sexual y virus de la inmunodeficiencia humana en Atención Primaria en España]	2013	Enfermedades Infecciosas y Microbiología Clínica	Report or reference to guidance recommendations or core principles	Las últimas guías europeas para la realización de la prueba del VIH instan a los MF a reconocer a los pacientes de riesgo y ofrecérsela
Agustí, C., Fernández-López, L., Mascort, J., Carrillo, R., Aguado, C., Montoliu, A., Puigdangolas, X., De la Poza, M., Rifà, B., Casabona, J.	Attitudes to rapid HIV testing among Spanish General Practitioners	2013	HIV Medicine	Report or reference to guidance recommendations or core principles	In order to address this concern and to normalize HIV testing, new recommendations advocate moving away from in-depth pre-test counselling towards the provision of briefer pre-test information
Agustí, C., Fernández-López, L., Mascort, J., Carrillo, R., Aguado, C., Montoliu, A., Puigdangolas, X., De La Poza, M., Rifà, B., Casabona, J.	Acceptability of rapid HIV diagnosis technology among primary healthcare practitioners in Spain	2013	AIDS Care	Report or reference to guidance recommendations or core principles	...most European countries (with the exception of France) follow the recommendations of the ECDC, which advises targeting testing programmes at those at risk of infection, prioritizing those at highest risk
Agustí, C., Mascort, J., Carrillo, R., Casabona, J.	Early detection of HIV infection in a primary care setting [Detección precoz de la infección por el virus de la inmunodeficiencia humana en el contexto de Atención Primaria]	2012	Atencion Primaria	Report or reference to guidance recommendations or core principles	
Alvarez-Del Arco D., Monge S., Azcoaga A., Rio I., Hernando V., Gonzalez C., Alejos B., Caro A.M., Perez-Cachafeiro S., Ramirez-Rubio O., Bolumar F., Noori T., Del Amo J.	HIV testing and counselling for migrant populations living in high-income countries: A systematic review	2013	European Journal of Public Health	Report or reference to guidance recommendations or core principles	the European Centre for Disease Prevention and Control (ECDC) launched 'HIV testing: increasing uptake and effectiveness in the European Union' in which migrants receive considerable attention
Arco, D.A.-D., Monge, S., Caro-Murillo, A.M., Ramirez-Rubio, O., Azcoaga-Lorenzo, A., Belza, M.J., Rivero-Montesdeoca, Y., Noori, T., Del Amo, J., the Study Working Group	HIV testing policies for migrants and ethnic minorities in EU/EFTA Member States	2013	European Journal of Public Health	Report or reference to guidance recommendations or core principles	...recommended that all migrants from countries with high HIV prevalence should be offered an HIV test under the premises that testing should be voluntary, confidential and undertaken after previous informed consent
Bassi S.S., Bland J.M., Martin F.	High rates of fatality due to AIDS without universal HIV testing	2014	Journal of AIDS and Clinical Research	Background information on HIV epidemic and existing testing guidance/policies	In USA and France routine one-time testing has been shown to be cost effective and reduce transmission independent of HIV prevalence
Bolímar-Montero, F., Fuster-Ruiz De Apodaca, M.J., Weaitt, M., Alventosa, J., Del Amo, J.	Time trends, characteristics, and evidence of scientific advances within the legal complaints for alleged sexual HIV transmission in Spain: 1996-2012	2015	AIDS Care	Report or reference to guidance recommendations or core principles	...barriers to HIV testing have been targeted with multisectorial approaches
Bozicevic, I., Lepej, S.Z., Rode, O.D., Grgic, I., Jankovic, P., Dominkovic, Z., Lukas, D., Johnston, L.G., Begovac, J.	Prevalence of HIV and sexually transmitted infections and patterns of recent HIV testing among men who have sex with men in Zagreb, Croatia	2012	Sexually Transmitted Infections	Report or reference to guidance recommendations or core principles	In order to increase the access to testing, there is a need to provide testing at community-based organisations

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Campo, J., Cano, J., del Romero, J., Hernando, V., del Amo, J., Moreno, S.	Role of the dental surgeon in the early detection of adults with underlying HIV infection / AIDS	2012	Medicina Oral, Patología Oral y Cirugía Bucal	Report or reference to guidance recommendations or core principles	
Carvalho, C., Fuertes, R., Lucas, R., Martins, A., Campos, M., Mendão, L., Schmidt, A., Barros, H.	HIV testing among Portuguese men who have sex with men - results from the European MSM Internet Survey (EMIS)	2013	HIV Medicine	Report or reference to guidance recommendations or core principles	HIV testing has been a cornerstone of AIDS prevention strategies, as early diagnosis and treatment have both individual and public health benefits. Most-at-risk populations have been specifically targeted, and it has been recommended that MSM should be tested annually, or more often depending on sexual behavior
Cayuelas-Redondo, L., Menacho-Pascual, I., Noguera-Sánchez, P., Goicoa-Gago, C., Pollio-Peña, G., Blanco-Delgado, R., Barba-Ávila, O., Sequeira-Aymar, E., Muns, M., Clusa, T., García, F., León, A.	Indicator condition guided human immunodeficiency virus requesting in primary health care: Results of a collaboration	2014	Enfermedades Infecciosas y Microbiología Clínica	Report or reference to guidance recommendations or core principles	esperamos que la difusión de las guías actuales para la realización de VIH en Condicion Indicadoras (CI), así como la creación futura de otras estrategias novedosas, favorezcan el progresivo incremento del ofrecimiento del test en las CI
Likavicius, G., van de Laar, M. J. W.	HIV and AIDS in the European Union, 2009	2010	Eurosurveillance	HIV testing as a public health priority	Recently, ECDC has launched guidance in HIV testing to support Member States in the increasing the uptake of HIV testing in Europe
de la Fuente, L., Rosales-Statkus, M.E., Hoyos, J., Pulido, J., Santos, S., Bravo, M.J., Barrio, G., Fernández-Balbuena, S., Belza, M.J., Alvarez, J., Gutiérrez, J., Ferreras, E., Molist, G., Ruiz, M., Sánchez, R., Segura, P., Vallejo, F., the Madrid Rapid HIV Testing Group	Are Participants in a Street-Based HIV Testing Program Able to Perform Their Own Rapid Test and Interpret the Results?	2012	PLoS ONE	Report or reference to guidance recommendations or core principles	Testing policies are undergoing extensive review in many countries and international agencies. All new versions are moving toward ending the "exceptionalism" that previously guided them.
De Olalla, P.G., Molas, E., Barberà, M.J., Martín, S., Arellano, E., Gosch, M., Saladie, P., Carbonell, T., Knobel, H., Diez, E., Caylà, J.A.	Effectiveness of a pilot partner notification program for new HIV cases in Barcelona, Spain	2015	PLoS ONE	Report or reference to guidance recommendations or core principles	Internet-based PN, outreach programs in non-traditional or non-medical settings, such as bathhouse programs, field visits, social networks programs and GIS-targeted screening, are resources that will need to be developed in our city in the future
Deblonde, J., Hamers, F.F., Callens, S., Lucas, R., Barros, H., Rützel, K., Hemminki, E., Temmerman, M.	HIV testing practices as reported by HIV-infected patients in four European countries	2014	AIDS Care	Report or reference to guidance recommendations or core principles	The results showed that HIV testing is done in a variety of settings as recommended in the international policy discourse
Deblonde, J., Meulemans, H., Callens, S., Luchters, S., Temmerman, M., Hamers, F.F.	HIV testing in Europe: Mapping policies	2011	Health Policy	HIV testing guidance comparative analysis	Advocating for multiple pathways in the provision of HIV testing services is also reflected in the international policy discourse

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Desai, M., Desai, S., Sullivan, A.K., Mohabeer, M., Mercey, D., Kingston, M.A., Thng, C., McCormack, S., Gill, O.N., Nardone, A.	Audit of HIV testing frequency and behavioural interventions for men who have sex with men: Policy and practice in sexual health clinics in England	2013	Sexually Transmitted Infections	Report or reference to guidance recommendations or core principles	despite guidance for more frequent HIV testing, the little evidence there is on the acceptability, feasibility and effectiveness of increased recall frequency is conflicting. Therefore, further studies are required to determine optimal frequency of HIV testing
European Centre for Disease Prevention and Control, European Monitoring Centre for Drugs and Drug Addiction	Prevenција i nadzor zaraznih bolesti među intravenskim korisnicima droga_IDU Guidance	2011		Report or reference to guidance recommendations or core principles	
Fernández-Balbuena, S., Belza, M.J., Urdaneta, E., Esteso, R., Rosales-Statkus, M.E., de la Fuente, L., Rapid HIV testing Group	Serving the underserved: an HIV testing program for populations reluctant to attend conventional settings	2014	International Journal of Public Health	HIV testing as a public health priority	facilitating access to HIV testing is a priority in developed countries
Fernández-Balbuena, S., De La Fuente, L., Hoyos, J., Rosales-Statkus, E., Barrio, G., Belza, M.-J., Madrid Rapid HIV testing Group	Highly visible street-based HIV rapid testing: Is it an attractive option for a previously untested population? A cross-sectional study	2014	Sexually Transmitted Infections	Report or reference to guidance recommendations or core principles	In 2010, its European counterpart, the European Centre for Disease Control, recommended the promotion of strategies aimed at key populations at risk to enable early diagnosis of infection
Fernández-Balbuena, S., Marcos, H., Pérez-Rubio, A., Hoyos, J., Belza, M.J., de la Fuente, L.	The rapid test in Spanish pharmacies: A novel programme to reach heterosexual men?	2015	HIV Medicine	HIV testing as a public health priority	facilitating access to HIV testing is a priority in developed countries
Flowers, P., Knussen, C., Li, J., Mcdaid, L.	Has testing been normalized? An analysis of changes in barriers to HIV testing among men who have sex with men between 2000 and 2010 in Scotland, UK	2013	HIV Medicine	HIV testing as a public health priority	.... design and implement interventions to promote the normalization of HIV testing
Frankis J, Flowers P, Lorimer K, Davis M.	5.6. Implications for Service Provision in Lanarkshire	2013	Social Media, Men who have Sex with Men and Sexual Health in Lanarkshire	HIV testing as a public health priority	.... design and implement interventions to promote the normalization of HIV testing
Gökengin, D., Geretti, A.M., Begovac, J., Palfreeman, A., Stevanovic, M., Tarasenko, O., Radcliffe, K.	2014 European Guideline on HIV testing.	2014	International Journal of STD and AIDS	HIV testing guidance comparative analysis	
Golden, R.E., Collins, C.B., Cunningham, S.D., Newman, E.N., Card, J.J.	Best evidence structural interventions for HIV prevention	2013	Best Evidence Structural Interventions for HIV Prevention	Report or reference to guidance recommendations or core principles	...VCT guidelines became more inclusive (increased target populations and settings) with a move to streamline the counseling process, as it became clearer that there were multiple benefits in early diagnosis and that screening on the basis of risk behaviour failed to identify the majority of PLWHA.
Ha, S., Paquette, D., Tarasuk, J., Dodds, J., Gale-Rowe, M., Brooks, J.I., Kim, J., Wong, T.	A systematic review of HIV testing among Canadian populations	2014	Canadian Journal of Public Health	Report or reference to guidance recommendations or core principles	Targeting affected populations who experience a high prevalence of HIV or engage in high-risk behaviours such as injection drug

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					use or unprotected anal sex, remains an important testing strategy with the additional recommendations for these groups to be screened at least annually
Hoyos Miller, J., Fernández-Balbuena, S., Belza Egozcue, M.J., García De Olalla, P., Pulido Manzanero, J., Molist Seña, G., De La Fuente De Hoz, L., Madrid Rapid HIV Testing Group	Time devoted to pre- and post-HIV test counselling in different health services according to participants of a rapid testing program in Madrid, Spain	2014	Enfermedades Infecciosas y Microbiología Clínica	HIV testing as a public health priority	most current international and national guidelines continue to emphasize the importance of pre- and post-test counselling as an essential part of the HIV testing process
Hoyos, J., Fernández-Balbuena, S., De La Fuente, L., Sordo, L., Ruiz, M., Barrio, G., Belza, M.J. and on behalf of Madrid Rapid HIV Testing Group	Never tested for HIV in Latin-American migrants and Spaniards: Prevalence and perceived barriers	2013	Journal of the International AIDS Society	HIV testing as a public health priority	Increasing uptake of HIV testing and decreasing the number of undiagnosed people is a priority for HIV prevention in Europe
European Centre for Disease Prevention and Control	HIV and STI prevention among men who have sex with men_Guidance	2015		Report or reference to guidance recommendations or core principles	
Janiec, J., Haar, K., Spiteri, G., Likatavicius, G., Van de Laar, M., Amato-Gauci, A.J.	Surveillance of human immunodeficiency virus suggests that younger men who have sex with men are at higher risk of infection, European union, 2003 to 2012	2013	Eurosurveillance	HIV testing as a public health priority	Throughout Europe, HIV counselling and testing services need to be continuously promoted, made more accessible and targeted at key populations at higher risk to ensure earlier diagnosis and initiation of HIV treatment and linkage to care
Jarrin, I., Pantazis, N., Gill, M.J., Geskus, R., Perez-Hoyos, S., Meyer, L., Prins, M., Touloumi, G., Johnson, A., Hamouda, O., De Olalla, P.G., Porter, K., Del Amo, J., and CASCADE Collaboration in EuroCoord	Uptake of combination antiretroviral therapy and HIV disease progression according to geographical origin in seroconverters in Europe, Canada, and Australia	2012	Clinical Infectious Diseases	Report or reference to guidance recommendations or core principles	The European Centre for Disease Prevention and Control HIV testing guidance released on 1 of December 2010 identifies migrants as one of the key populations to reach by HIV testing programs
Kall, M.M., Smith, R.D., Delpech, V.C.	Late HIV diagnosis in Europe: A call for increased testing and awareness among general practitioners	2012	European Journal of General Practice	HIV testing as a public health priority	The European Centre for Disease Prevention and Control ECDC and the WHO European Region framework on scaling up HIV testing and counselling advocate expanded HIV testing in general practice
Manirankunda, L., Loos, J., Debackaere, P., Nöstlinger, C.	"It is not easy": Challenges for provider-initiated HIV testing and counseling in Flanders, Belgium	2012	AIDS Education and Prevention	Background information on HIV epidemic and existing testing guidance/policies	Congruent with other studies on applying PITC in health facilities, our participants named policy barriers (burdensome, demanding counseling process, and inadequate reimbursement), educational barriers (lack of patient acceptance, lack of knowledge and training),

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					and logistic barriers (lack of time, competing priorities, language)
Mena, A., Moldes, L., Mejjide, H., Cañizares, A., Castro-Iglesias, Á., Delgado, M., Pérttega, S., Pedreira, J., Bou, G., Poveda, E.	Seroprevalence of HCV and HIV infections by year of birth in Spain: Impact of US CDC and USPSTF recommendations for HCV and HIV testing	2014	PLoS ONE	Report or reference to guidance recommendations or core principles	Moreover, the European Centre for Disease Control (ECDC), recommended the promotion of strategies aimed at key populations at risk to enable early diagnosis of infection
Menacho, I., Sequeira, E., Muns, M., Barba, O., Leal, L., Clusa, T., Fernandez, E., Moreno, L., Raben, D., Lundgren, J., Gatell, J., Garcia, F., Cayuelas, L., Aragunde, V., Vergara, M., Catalan, M., Moreno, M., Hormigo, G., Siso, A., Herreras, Z., Sebastian, L., Benito, L., Picas, A., Hoyo, J., Giner, M., Cararach, D., Moles, E., Moro, M., Arrabal, P., Roca, D., Prego, S., Ferrer, X., Egido, A., Ventosa, C., Garcia, S., Muñoz, S., Massana, A., Sole, J., Curiel, M., Heras, F., Leon, A.	Comparison of two HIV testing strategies in primary care centres: Indicator-condition-guided testing vs. testing of those with non-indicator conditions	2013	HIV Medicine	Background information on HIV epidemic and existing testing guidance/policies	The large majority of sexually transmitted infection (STI) prevention, diagnosis, and treatment occurs in primary care centres
Mocroft, A., Lundgren, J.D., Sabin, M.L., d'Arminio Monforte, A., Brockmeyer, N., Casabona, J., Castagna, A., Costagliola, D., et al	Risk Factors and Outcomes for Late Presentation for HIV-Positive Persons in Europe: Results from the Collaboration of Observational HIV Epidemiological Research Europe Study (COHERE)	2013	PLoS Medicine	HIV testing as a public health priority	Late presentation, which may reflect late diagnosis and/or late entry into care, has consequences ..... for society in terms of the risk of onward transmission due to uncontrolled viremia and lack of awareness of HIV serostatus
Montesinos, I., Eykmans, J., Delforge, M.-L.	Evaluation of the Bio-Rad Geenius HIV-1/2 test as a confirmatory assay	2014	Journal of Clinical Virology	Report or reference to guidance recommendations or core principles	In Europe, WB or line-blot assays are still strongly recommended as gold standard confirmatory tests in the laboratory algorithm for diagnosing HIV infection, in combination with Ag testing or NAAT
Moreno, S., Ordobás, M., Sanz, J.C., Ramos, B., Astray, J., Ortiz, M., García, J., Del Amo, J.	Prevalence of undiagnosed HIV infection in the general population having blood tests within primary care in Madrid, Spain	2012	Sexually Transmitted Infections	HIV testing as a public health priority	In conclusion, previously undiagnosed HIV infection in Madrid is very high and calls for strategies to unveil occult HIV infection
Mujyambere P.	Barriers to HIV voluntary counselling and testing among refugees and asylum seekers from African Great Lakes region living in Durban (MA Thesis)	2012		Background information on HIV epidemic and existing testing guidance/policies	
Nakagawa, F., Phillips, A.N., Lundgren, J.D.	Update on HIV in Western Europe	2014	Current HIV/AIDS Reports	HIV testing as a public health priority	ECDC has also issued an evidence-based guidance for testing programmes to help inform recommendations and scale up testing further
Oliva, J., Díez, M., Galindo, S., Cevallos, C., Izquierdo, A., Cereijo, J., Arrillaga, A.,	Predictors of advanced disease and late presentation in new HIV diagnoses reported to the surveillance system in Spain	2014	Gaceta Sanitaria	HIV testing as a public health priority	Increasing uptake of HIV testing and decreasing the number of

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Nicolau, A., Fernández, A., Alvarez, M., Castilla, J., Martínez, E., López, I., Vivés, N.					undiagnosed people is a priority for HIV prevention in Europe
Olson, A.D., Guiguet, M., Zangerle, R., Gill, J., Perez-Hoyos, S., Lodi, S., Ghosn, J., Dorrucchi, M., Johnson, A., Sannes, M., Moreno, S., Porter, K., for CASCADE Collaboration in EuroCoord	Evaluation of rapid progressors in HIV infection as an extreme phenotype	2014	Journal of Acquired Immune Deficiency Syndromes	Report or reference to guidance recommendations or core principles	Given that the HIV test intervals in this study are consistent with HIV testing guidelines, our study allows clinicians to identify individuals at risk of progression at an early stage for whom immediate initiation of therapy may be indicated
Parisi, M.R., Soldini, L., Vidoni, G., Clemente, F., Mabellini, C., Belloni, T., Nozza, S., Brignolo, L., Negri, S., Rusconi, S., Schlusnus, K., Dorigatti, F., Lazzarin, A.	Cross-sectional study of community serostatus to highlight undiagnosed HIV infections with oral fluid HIV-1/2 rapid test in non-conventional settings	2013	New Microbiologica	HIV testing as a public health priority	The possibility of rapid and more accessible testing methods gives the option of immediate counselling and referral to medical treatment as well as partner notification
Pillay, T.D., Mullineux, J., Smith, C.J., Matthews, P.	Unlocking the potential: Longitudinal audit finds multifaceted education for general practice increases HIV testing and diagnosis	2013	Sexually Transmitted Infections	Report or reference to guidance recommendations or core principles	Training and education are important tools to use to achieve this ... [and] must incorporate efforts to address HIV-related stigma'. Similar problems are identified, and solutions proposed, at a Europe-wide level
Puljić, V.M., Ličina, M.L.K., Kavić, M., Blažić, T.N.	Repeat HIV testing at voluntary testing and counseling centers in Croatia: Successful HIV prevention or failure to modify risk behaviors?	2014	PLoS ONE	HIV testing as a public health priority	This prompts the question why people re-test
Qvist, T., Cowan, S.A., Graugaard, C., Helleberg, M.	High linkage to care in a community-based rapid HIV testing and counseling project among men who have sex with men in Copenhagen	2014	Sexually Transmitted Diseases	Report or reference to guidance recommendations or core principles	in line with a recent shift toward expanding HIV testing into a greater variety of health care and nonclinical community settings
Raben, D., Delpech, V., de Wit, J., Sullivan, A., Lazarus, J., Dedes, N., Coenen, T., Lundgren, J. on behalf of the HIV in Europe Steering Committee	Conclusions from the HIV in Europe Copenhagen 2012 Conference and ways forward: Working together for optimal HIV testing and earlier care	2013	HIV Medicine	Report or reference to guidance recommendations or core principles	In recent years, authoritative guidelines have been developed, by the US Centers for Disease Control and Prevention, the British HIV Association, ECDC and WHO [8–12], to promote and normalize HIV testing, including through the routine offering of HIV testing in a wider range of health care settings, and to patients with conditions indicative of a higher risk of HIV infection
Reyes-Uruena JM, Noori T, Pharris A, Jansa JM	New times for migrants' health in Europe	2014	Revista Española de Sanidad Penitenciaria	Report or reference to guidance recommendations or core principles	However, as all the guidelines have highlighted, it is essential to link testing with care, support and treatment, ensuring proper treatment for those who test positive

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Rosenbrock, R., Schmidt, A.J.	Aids. New challenges for social and medical prevention [Aids: Neue Herausforderungen für die Soziale und Medizinische Prävention]	2012	Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz	Report or reference to guidance recommendations or core principles	
Salfa MC, Regine V, Bruning AHL, Ferri M, Camoni L, Raimondo M, et al.	Sexually Transmitted Diseases among Italian Women in 1991-2011	2015	British Journal of Medicine and Medical Research	Report or reference to guidance recommendations or core principles	stressing the need to test for HIV all women diagnosed with any STD, especially when reporting the use of injecting drugs
Søgaard, O.S., Lohse, N., Østergaard, L., Kronborg, G., Røge, B., Gerstoft, J., Sørensen, H.T., Obel, N.	Morbidity and risk of subsequent diagnosis of HIV: A population based case control study identifying indicator diseases for HIV infection	2012	PLoS ONE	HIV testing as a public health priority	concluded that "the rates of late diagnosis remain unacceptably high" in Europe and Central Asia
Sprenger, M.	Know, treat, prevent - HIV testing, a key strategy in the prevention and control of the HIV/AIDS epidemic	2010	Eurosurveillance	HIV testing as a public health priority	On the occasion of World AIDS Day 2010, ECDC also presented a synthesis of evidence on HIV testing, based on a literature review, and a report pointing out the need to scale up HIV testing in the EU, including the screening of pregnant women to reduce mother-to-child transmission
Sullivan, A.K., Raben, D., Reekie, J., Rayment, M., Mocroft, A., Esser, S., Leon, A., Begovac, J., Brinkman, K., Zangerle, R., Grzeszczuk, A., Vassilenko, A., Hadziosmanovic, V., Krasnov, M., Sønnerborg, A., Clumeck, N., Gatell, J., Gazzard, B., d'Arminio Monforte, A., Rockstroh, J., Lundgren, J.D.	Feasibility and Effectiveness of Indicator Condition-Guided Testing for HIV: Results from HIDES I (HIV Indicator Diseases across Europe Study)	2013	PLoS ONE	Report or reference to guidance recommendations or core principles	In line with ECDC guidance, this study demonstrates that individuals presenting to any healthcare setting with any of the eight indicator conditions should be strongly recommended to have an HIV test.
COHERE	Delayed HIV diagnosis and initiation of antiretroviral therapy: Inequalities by educational level, COHERE in EuroCoord	2014	AIDS	Background information on HIV epidemic and existing testing guidance/policies	In spite of the existence of universal access to confidential HIV testing, HIV care and combination antiretroviral therapy (cART) in most European countries....
Thornton, A.C., Rayment, M., Elam, G., Atkins, M., Jones, R., Nardone, A., Roberts, P., Tenant-Flowers, M., Anderson, J., Sullivan, A.K.	Exploring staff attitudes to routine HIV testing in non-traditional settings: A qualitative study in four healthcare facilities	2012	Sexually Transmitted Infections	Report or reference to guidance recommendations or core principles	While some took a pragmatic approach and understood that the pretest discussion could be brief and focused, as recommended by international and UK health organisations...
Ti, L., Hayashi, K., Kaplan, K., Suwannawong, P., Wood, E., Montaner, J., Kerr, T.	Willingness to access peer-delivered HIV testing and counseling among people who inject drugs in Bangkok, Thailand	2013	Journal of Community Health	HIV testing as a public health priority	.....as testing can lead to the identification of undiagnosed HIV infection and early treatment
Tiittala, P.J., Kivelä, P.S., Ristola, M.A., Surcel, H.-M., Koponen, P.M.S., Mölsä, M., Ollgren, J., Liitsola, K.	Achieving high acceptability of HIV testing in a population-based survey among immigrants in Finland	2015	Scandinavian Journal of Public Health	Report or reference to guidance recommendations or core principles	Recently, several guidelines have endorsed the universal HIV testing strategy to reach those not identifying themselves as belonging to a specific risk group. Antenatal screening has been

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					shown to be an effective strategy to reach immigrant women.
Tshuma, N., Muloongo, K., Setswe, G., Chimoyi, L., Sarfo, B., Burger, D., Nyasulu, P.S.	Potential barriers to rapid testing for human immunodeficiency virus among a commuter population in Johannesburg, South Africa	2014	HIV/AIDS - Research and Palliative Care	Report or reference to guidance recommendations or core principles	Some studies have reflected the need to provide training of health workers so as to improve health worker attitude, which may lead to an increase in uptake of HIV testing
Villaamil, F.	Bodies, virus and moral economies: The HIV test [Cuerpos, virus y economías morales: La prueba del VIH]	2013	Política y Sociedad	HIV testing as a public health priority	En este panorama novedoso, la prueba adquiere un valor inédito: es la vía de entrada al tratamiento y, por tanto, al control de la infecciosidad a nivel individual y de la infección a nivel poblacional
Villaamil, F.	Shared Embarrassment: (Not) Talking about Sex in HIV-Related Doctor-Patient Encounters	2014	Medical Anthropology: Cross Cultural Studies in Health and Illness	Report or reference to guidance recommendations or core principles	Doctors we interviewed were familiar with the recommendations issued by the CDC and the ECDC. The latter does not specify what is meant by "counseling".
Vives, N., Carnicer-Pont, D., Garcí'a de Olalla, P., Camps, N., Esteve, A., Casabona, J., the HIV and STI Surveillance Group	Factors associated with late presentation of HIV infection in Catalonia, Spain	2012	International Journal of STD and AIDS	HIV testing as a public health priority	Early testing for HIV infection is known to be an economically and medically effective strategy, but is under-used across Europe.
Wild, C., Dellinger, J.	Universal HIV-testing in health care settings: International guideline recommendations and actual occupational risks of HIV-infections for health care workers [HIV-Testung an der Allgemeinbevölkerung: Internationale Empfehlungen und reale Risiken für HIV-Infektionen für Gesundheitsberufe]	2013	Wiener Medizinische Wochenschrift	HIV testing guidance comparative analysis	
Wouters, K., Fransen, K., Beelaert, G., Kenyon, C., Platteau, T., Van Ghyselghem, C., Collier, I., Buyze, J., Florence, E.	Use of rapid HIV testing in a low threshold centre in Antwerp, Belgium, 2007–2012	2014	International Journal of STD and AIDS	Report or reference to guidance recommendations or core principles	The European Center for Disease Prevention and Control (ECDC) guidance on increasing the uptake of HIV testing in Europe recommends developing testing in a range of non-traditional sites and using the most appropriate testing technologies, including rapid testing, in order to overcome barriers to testing to those at higher risk. The European guidelines insist on the importance of developing new testing strategies aimed at difficult-to-reach high-risk persons
Nicolini L.A., Taramasso L., Schiavetti I., Giannini E.G., Beltrame A., Feasi M., Cassola G., Grasso A., Bartolacci V., Sticchi L., Picciotto A., Viscoli C., Ferrea G., Boldrini A., Azzola E., Riccio G., Testa R., De Leo P.,	Epidemiological and clinical features of hepatitis delta in HBsAg-positive patients by HIV status	2015	Antiviral Therapy	Background information on HIV epidemic and existing testing guidance/policies	

Authors	Title	Year	Source title	Type of information	Citation example
Anselmo M., Marengo S., Fazio V., Sammito G., Dodi F., Bruzzone B., Patrizia C., Savarino V., Percario G., Artioli S., Boni S.					
Deblonde J., Sasse A., Amo J., Burns F., Delpech V., Cowan S., Levoy M., Keith L., Pharris A., Amato-Gauci A., Noori T.	Restricted access to antiretroviral treatment for undocumented migrants: A bottle neck to control the HIV epidemic in the EU/EEA	2015	BMC Public Health	Background information on HIV epidemic and existing testing guidance/policies	
Chocarro Martínez A., Ochoa Sangrador C., Brezmes Valdivieso M.P., Martín Gómez C.	Human immunodeficiency virus screening in primary care: Acceptance by physicians and patients [Cribado de la infección por el virus de la inmunodeficiencia humana en Atención Primaria: aceptación por pacientes y médicos]	2015	Enfermedades Infecciosas y Microbiología Clínica	HIV testing as a public health priority	...se ha propugnado la normalización y el acercamiento del test a toda la población, especialmente a los segmentos más vulnerables
Álvarez-del Arco D., Monge S., Rivero-Montesdeoca Y., Burns F., Noori T., del Amo J.	Implementing and expanding HIV testing in immigrant populations in Europe: Comparing guideline's recommendations and expert's opinions	2015	Enfermedades Infecciosas y Microbiología Clínica	Report or reference to guidance recommendations or core principles	ECDC guidance consider that to reach migrants will require expanding testing not only in clinical settings but in a number of community settings
Reyes-Urueña J., Fernández-López L., Force L., Daza M., Agustí C., Casabona J.	Level of impact on the public health of universal human immunodeficiency virus screening in an Emergency Department	2015	Enfermedades Infecciosas y Microbiología Clínica	Report or reference to guidance recommendations or core principles	
Cayuelas-Redondo L, Menacho-Pascual I, Noguera-Sánchez P, Goicoa-Gago C, Pollio-Peña G, Blanco-Delgado R, et al	Solicitud de VIH en condiciones indicadoras en atención primaria: resultados de una colaboración	2015	Enfermedades Infecciosas y Microbiología Clínica	HIV testing as a public health priority	esperamos que la difusión de las guías actuales para la realización de VIH en CI, así como la creación futura de otras estrategias novedosas, favorezcan el progresivo incremento del ofrecimiento del test en las CI.
Bell S.A., Delpech V., Casabona J., Tsereteli N., de Wit J.	Delivery of HIV test results, post-test discussion and referral in health care settings: A review of guidance for European countries	2015	HIV Medicine	HIV testing guidance comparative analysis	
Khani B, Refetllari B, Puca E, Pilaca A, Shkurti K, Dudushi R, et al.	The prevalence of HIV and the role of immigration in Albania	2015	Journal of Microbiology and Infectious Diseases	Background information on HIV epidemic and existing testing guidance/policies	Studies have shown that moving groups such as, truck drivers, travelers, soldiers, sailors, etc., have identified travel and migration as one of the factors associated with HIV infection
Goosen S., Hoebe C.J.P.A., Waldhober Q., Kunst A.E.	High HIV prevalence among asylum seekers who gave birth in the Netherlands: A nationwide study based on antenatal HIV tests	2015	PLoS ONE	Background information on HIV epidemic and existing testing guidance/policies	
Protogerou A.D., Fransen J., Zampeli E., Argyris A.A., Aissopou E., Arida A., Konstantonis G.D., Tentolouris N., Makrilakis K., Psychogiou M., Daikos G., Kitas G.D., Sfikakis P.P.	The additive value of femoral ultrasound for subclinical atherosclerosis assessment in a single center cohort of 962 adults, including high risk patients with rheumatoid arthritis, Human Immunodeficiency Virus infection and Type 2 Diabetes Mellitus	2015	PLoS ONE	Report or reference to guidance recommendations or core principles	
Fernández-Balbuena S., Belza M.J., Zulaica D., Martínez J.L., Marcos H., Rifá B., Arrillaga A., De La Fuente L., Hoyos J.	Widening the access to HIV testing: The contribution of three in-pharmacy testing programmes in Spain	2015	PLoS ONE	Report or reference to guidance recommendations or core principles	
Lallenec LM, Currie BJ, Baird RW, Pitman M, Ryder N.	HIV testing rate increased following recommendation of routine screening of acute medical admissions at Royal Darwin Hospital	2015	Sexual Health	HIV testing as a public health priority	..identified the need to make early diagnosis of HIV a public health priority

Authors	Title	Year	Source title	Type of information	Citation example
Leber W., Anderson J., Griffiths C.	HIV testing in Europe: How can primary care contribute?	2015	Sexually Transmitted Infections	Background information on HIV epidemic and existing testing guidance/policies	
van Bergen JE.	Normalizing HIV testing in primary care. Commentary on: Late HIV diagnoses in Europe: a call for increased testing and awareness among general practitioners	2012	The European journal of general practice	HIV testing as a public health priority	

